

FIG. 1

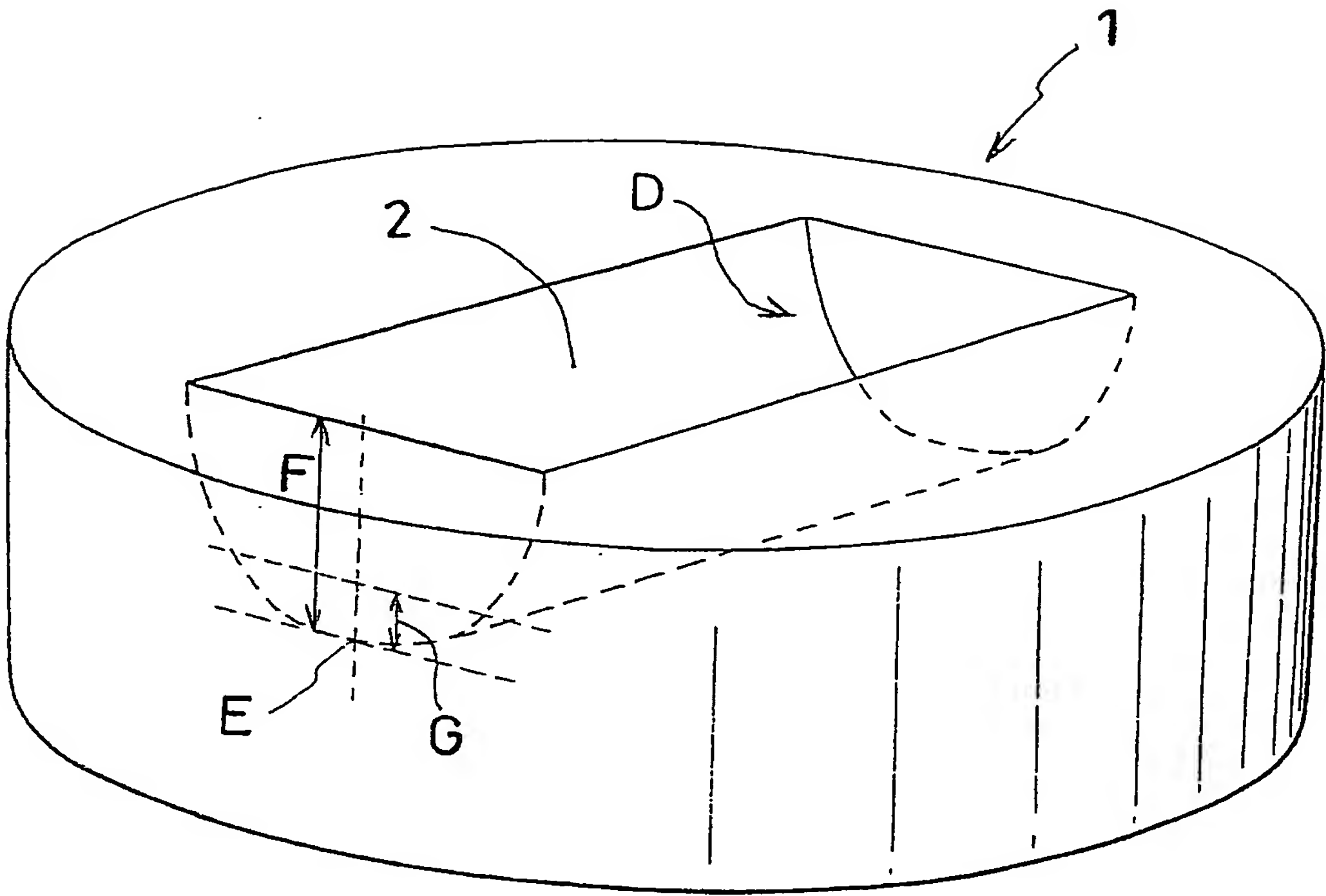


FIG. 2

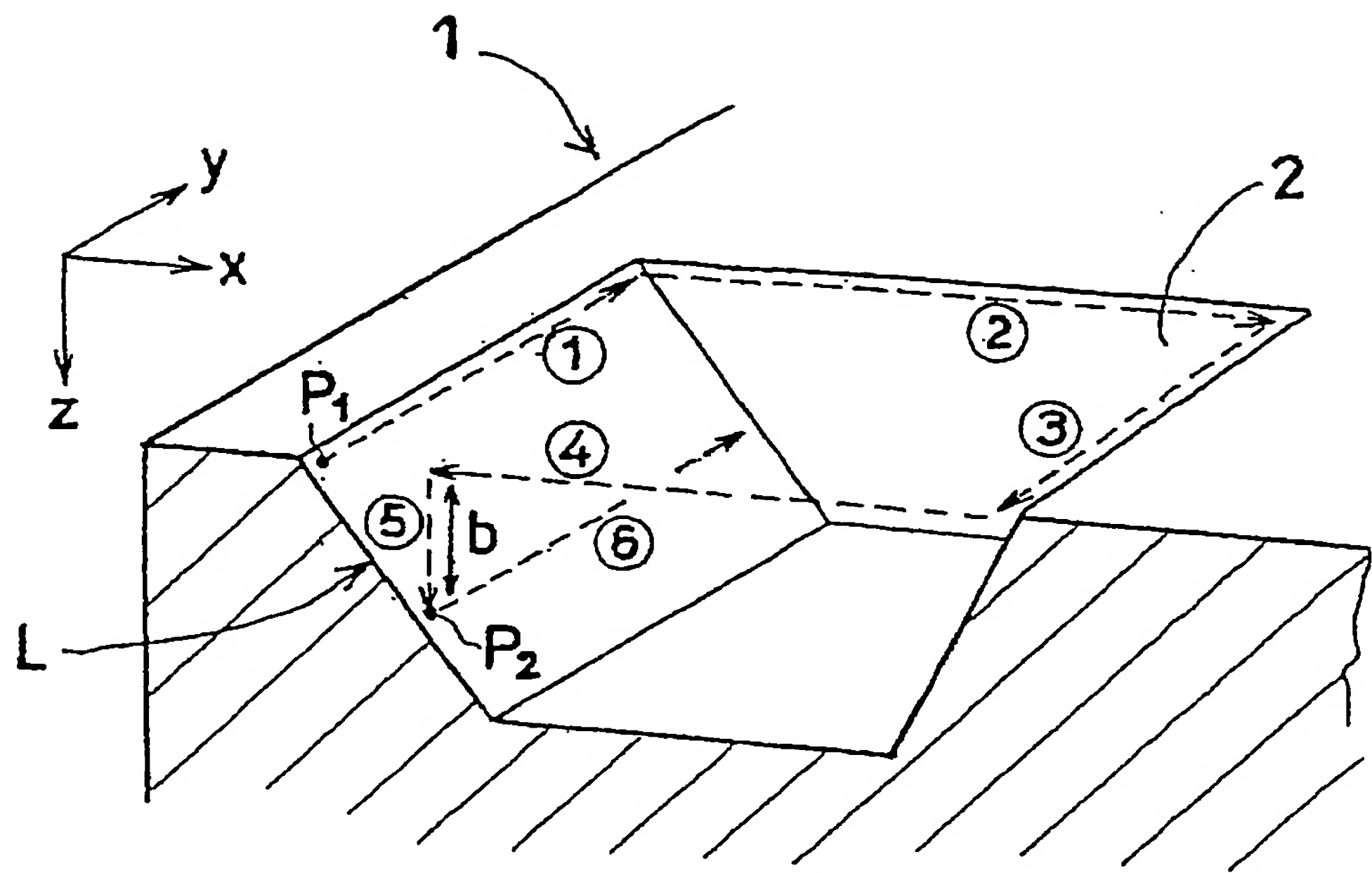
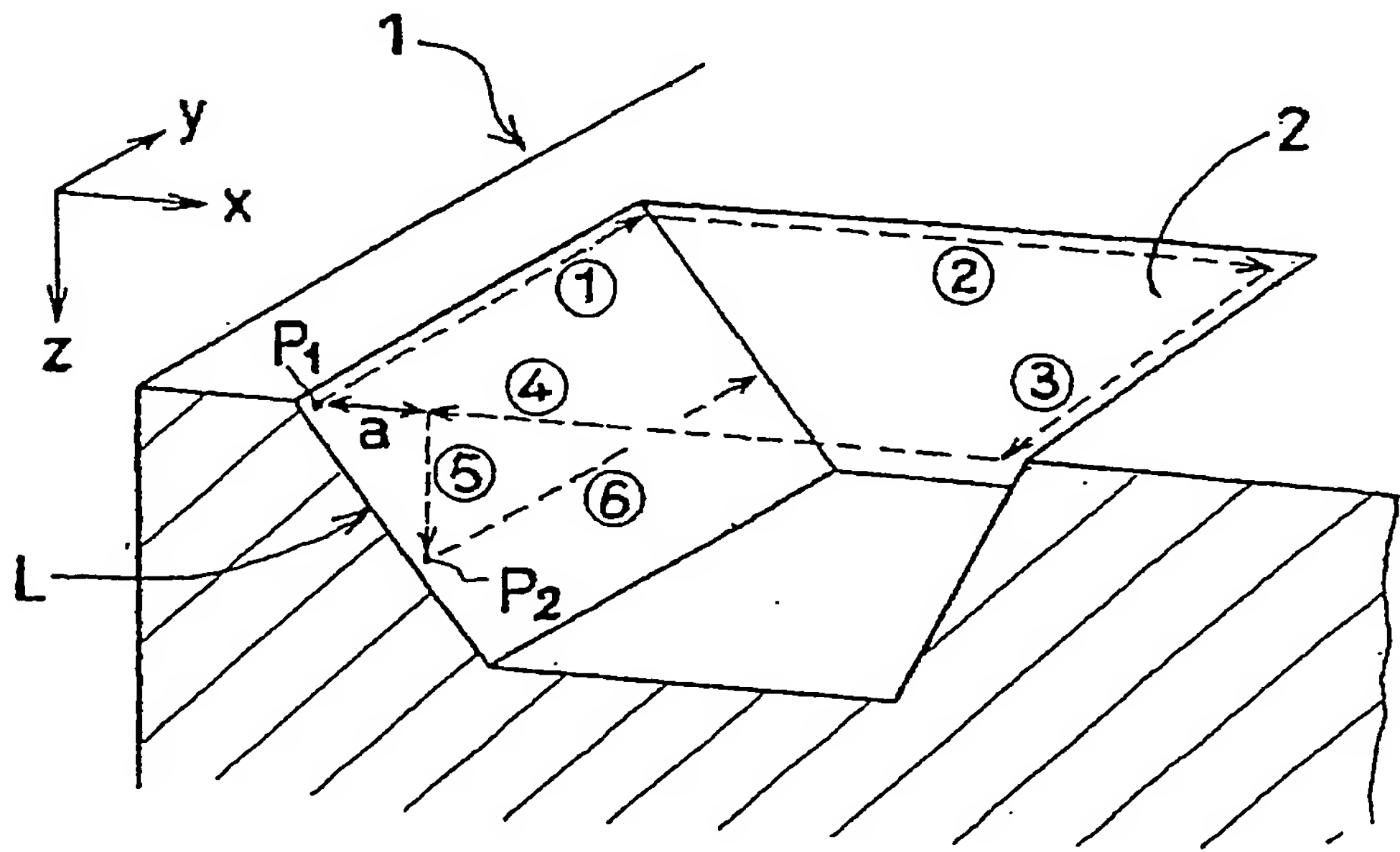


FIG. 3



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FIG. 4

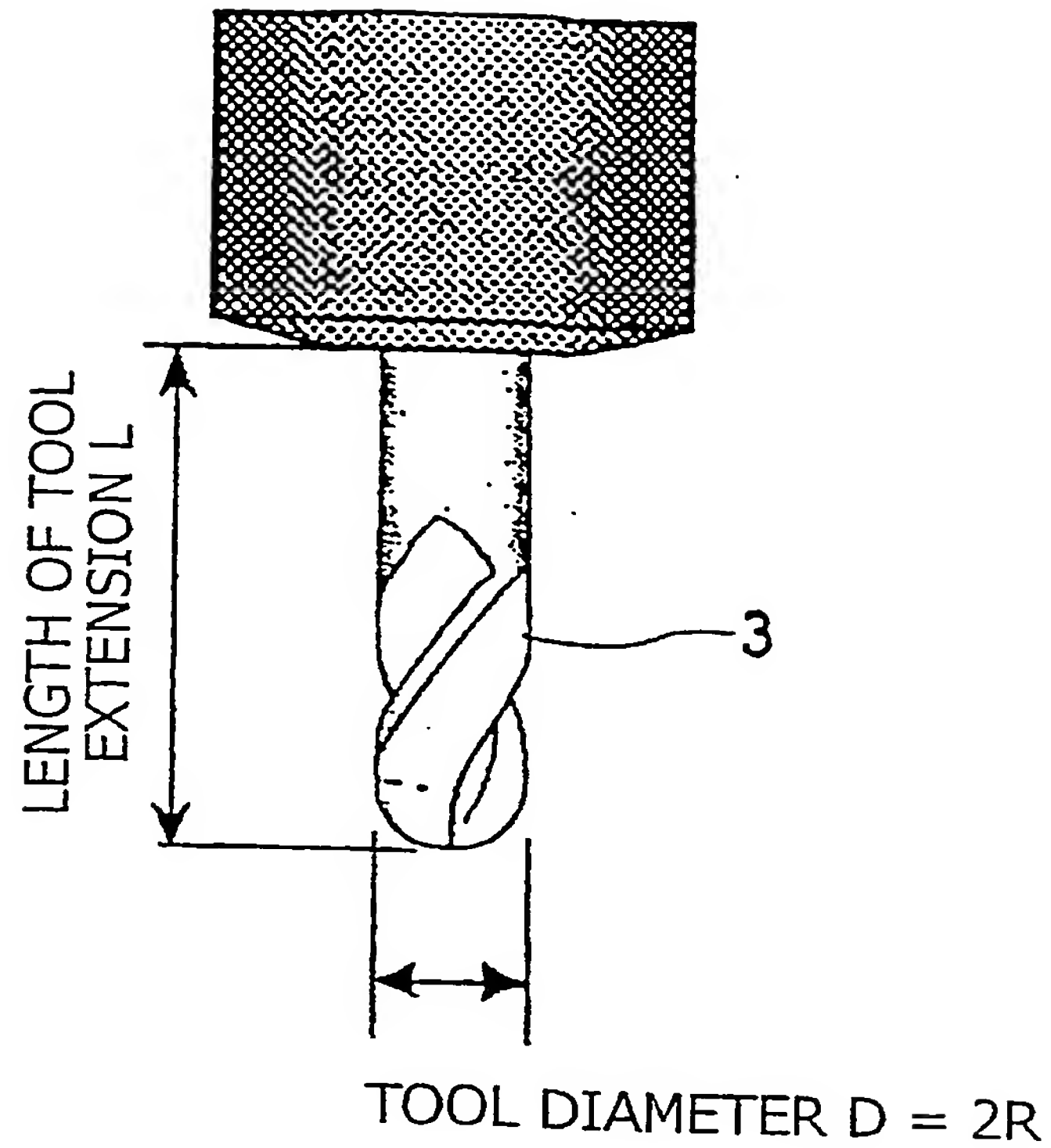
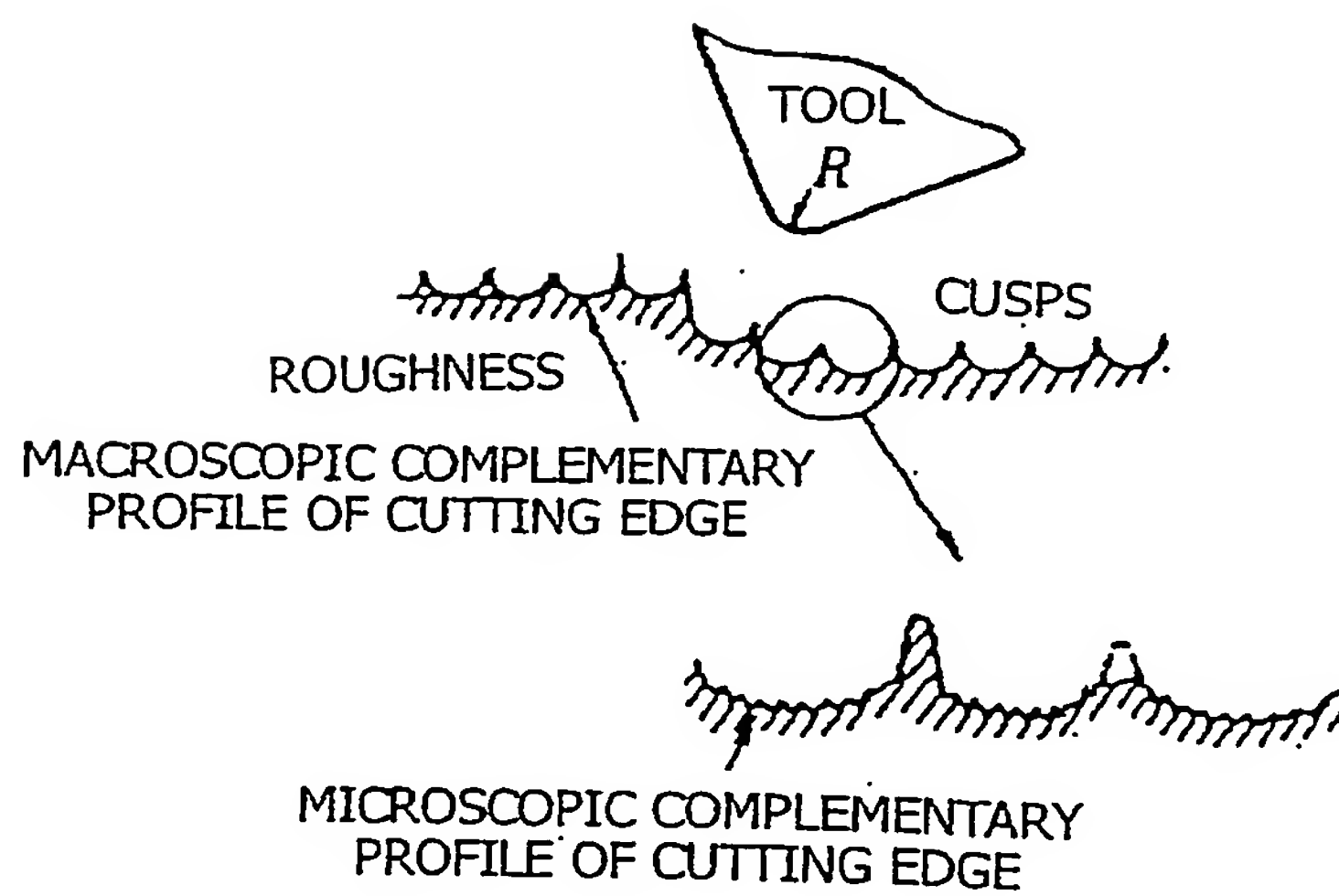


FIG. 5



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FIG. 6

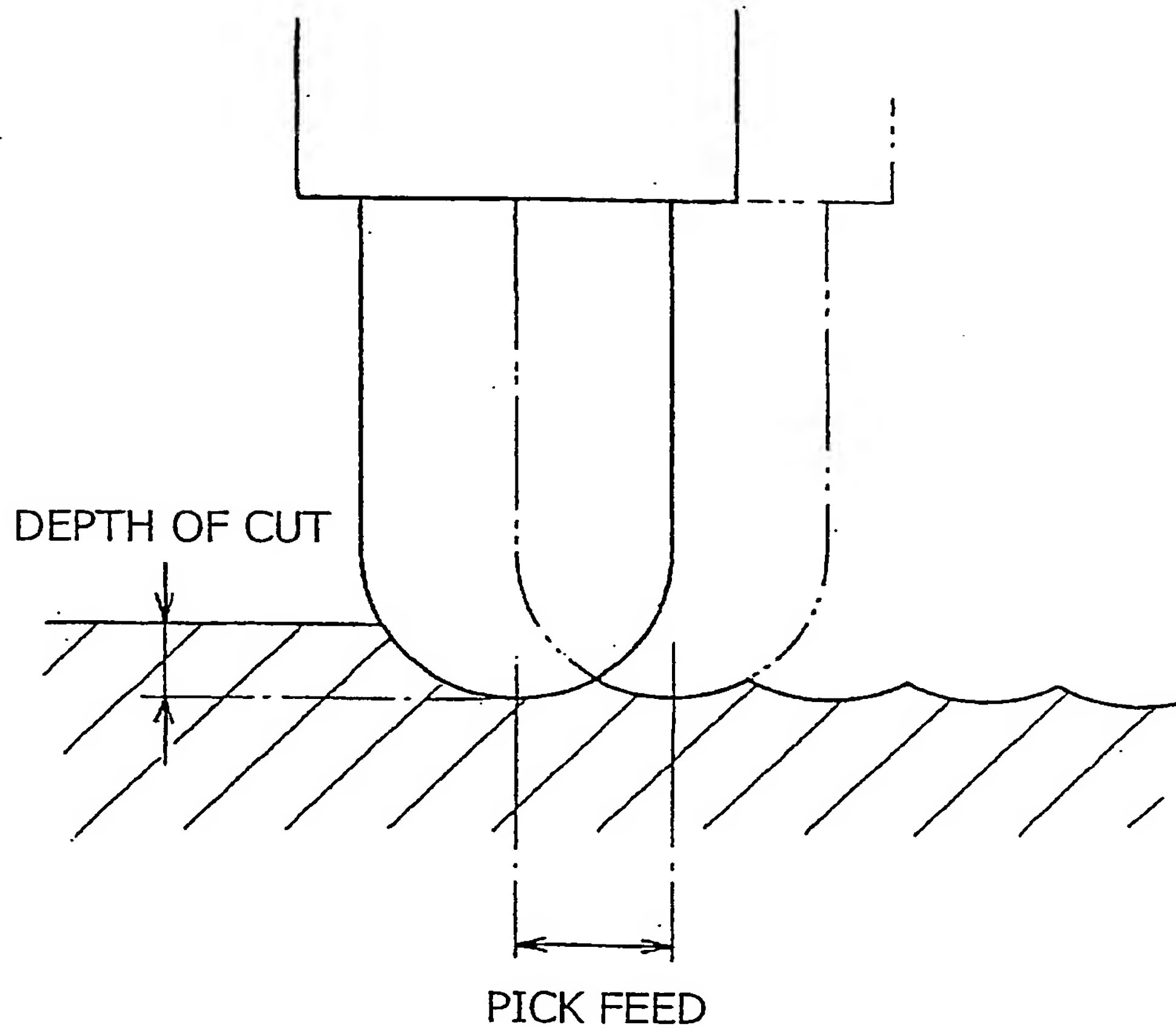
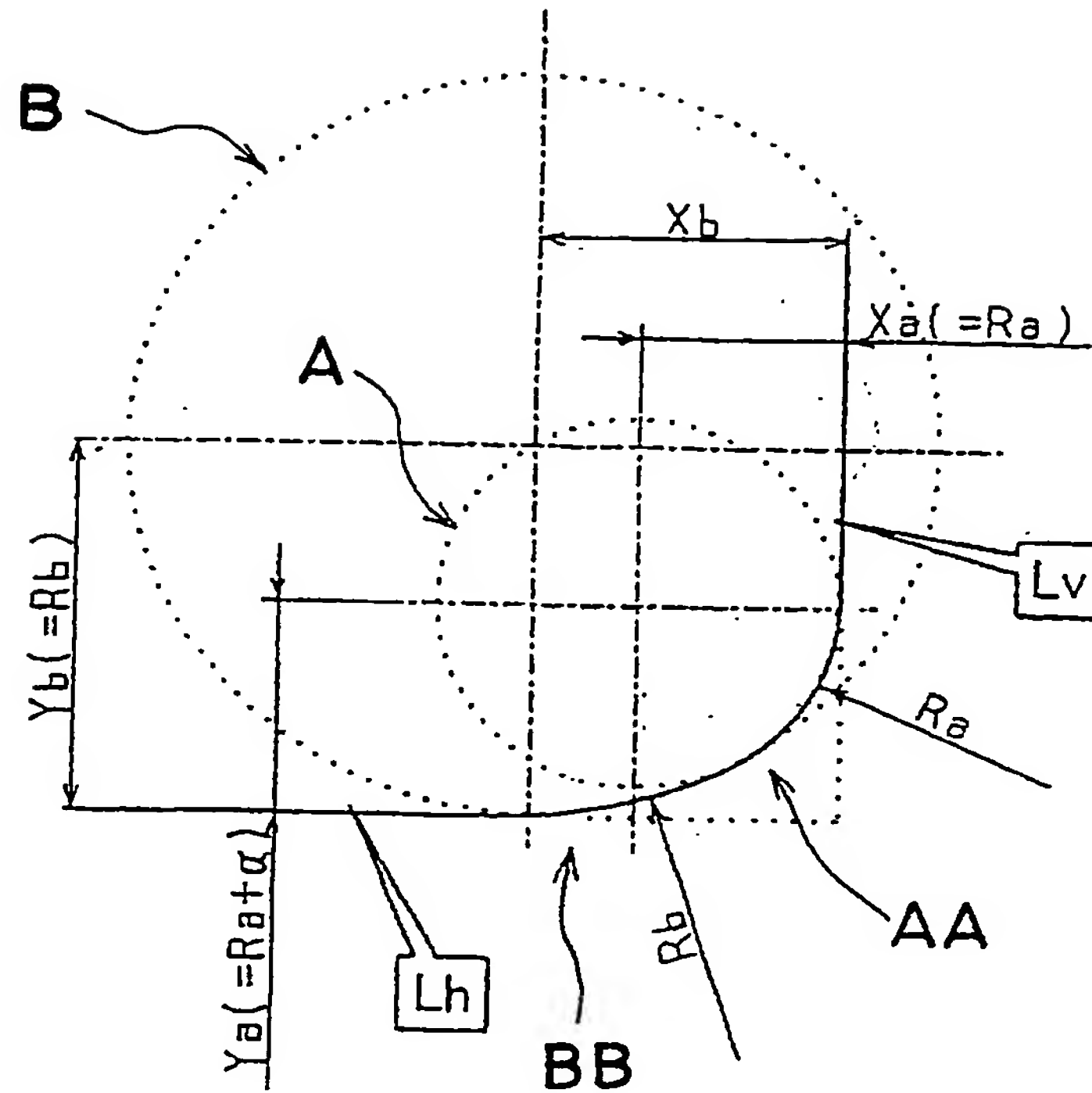


FIG. 7



HERE,
 α IS DETERMINED WITH REFERENCE TO DIMENSIONAL TOLERANCE OF R_a ;
 R_a IS AN ARC OF A CIRCLE TANGENT TO L_v ;
 R_b IS AN ARC OF A CIRCLE TANGENT TO L_h AND R_a ; AND
 X_b IS AUTOMATICALLY DETERMINED FROM OTHER DIMENSIONS.

A geometric diagram showing a circular profile with various dimensions and labels. The diagram includes a horizontal dashed line and a vertical dashed line intersecting at the center of the circle. The following dimensions and labels are present:

- $Y_b (= R_b)$: Vertical distance from the horizontal dashed line to the top of the circle.
- $Y_a (= R_a + \alpha)$: Vertical distance from the horizontal dashed line to the bottom of the circle.
- L_h : Horizontal distance from the vertical dashed line to the left edge of the circle.
- L_v : Vertical distance from the horizontal dashed line to the bottom of the circle.
- R_a : Radius of the circle.
- R_b : Radius of the circle.
- X_a : Horizontal distance from the vertical dashed line to the right edge of the circle.
- X_b : Horizontal distance from the vertical dashed line to the right edge of the circle.
- α : DRAFT ANGLE (0-3°): Angle between the horizontal dashed line and the radius R_a .

HERE,
 α IS DETERMINED WITH REFERENCE TO DIMENSIONAL TOLERANCE OF Ra;
 Ra IS AN ARC OF A CIRCLE TANGENT TO Lv;
 Rb IS AN ARC OF A CIRCLE TANGENT TO Lh AND Ra; AND
 Xa AND Xb ARE AUTOMATICALLY DETERMINED FROM OTHER DIMENSIONS.

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FIG. 9

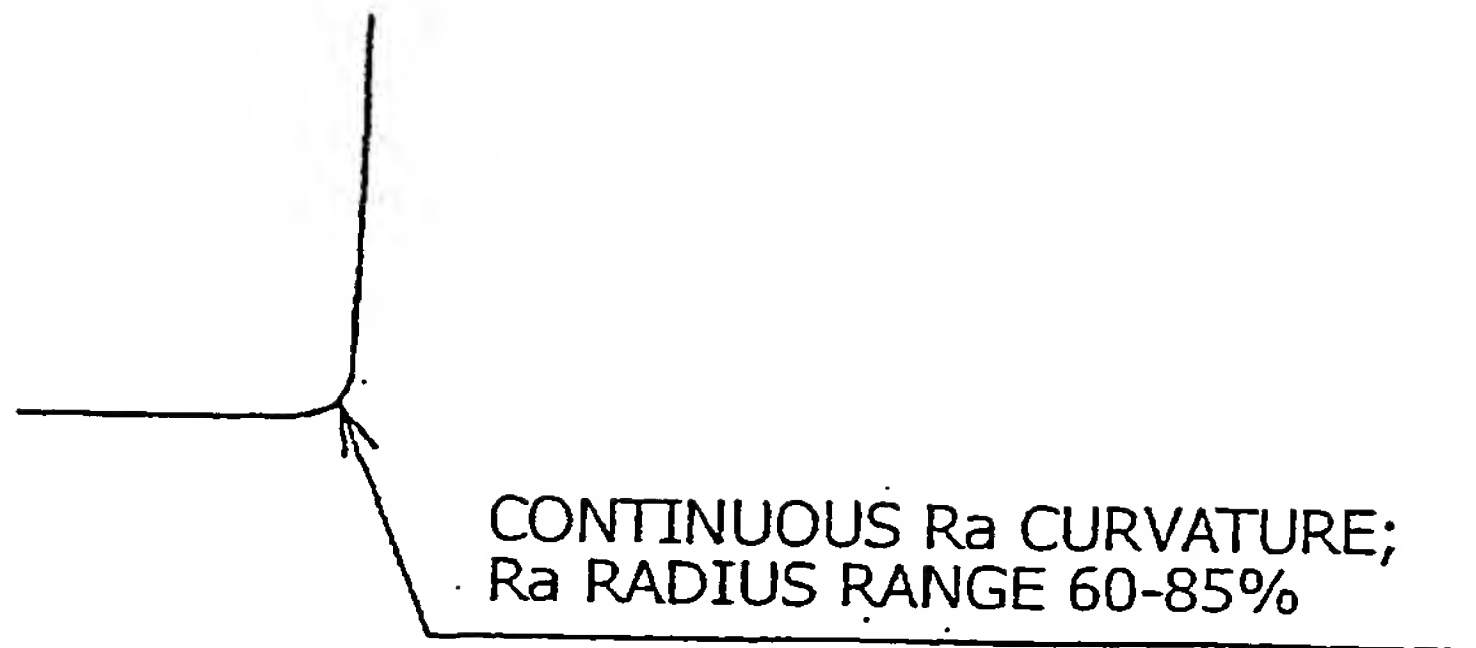


FIG. 10

